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U.S. Patent Application No.
Filing Date
First Named Inventor
Title

10/686,828
Oct. 15, 2003
Anand P. Narayan
Method and Apparatus for Interference
Suppression with Efficient Matrix Inversion
in a DS-CDMA System
Jan. 26, 2004

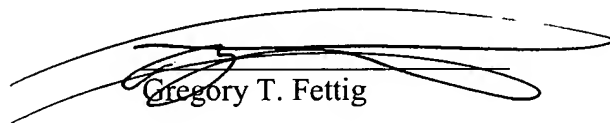
Date

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

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This correspondence is deposited with the U.S. Postal Service having sufficient postage as first class mail prior to expiration of the set period of time. This correspondence contains the following documents: Preliminary Amendment (2 pages); Marked Up Drawings (3 pages); Replacement Drawings (8 pages); Copy of Notice to File Corrected Application Papers (2 pages); and a Return Postcard (1).

Jan. 26, 2004
Date


Gregory T. Fettig

PRELIMINARY AMENDMENT

Dear Sir:

In response to a Notice to File Corrected Application Papers mailed on Jan. 20, 2004, Applicants hereby submit replacement drawings. These replacement drawings constitute formal drawings. Applicants believe these formal drawings are in compliance with 37 C.F.R. 1.84. Also, Applicants have amended the specification on page 22, lines 1-12 under the section entitled "Detailed Description." Applicants maintain that no new matter is added with these amendments.

--A single element from each of the multiplexers 304, 312 is provided at a corresponding output 316 or 320 in response to a select signal 324. In general, the select signal 324 is generated by the channel estimation/interference vector generation module 140, or by some other modular aspect of the cancellation controller 128, to provide the proper pair of elements at the